Priority Matrix

Evaluates use cases on 1-5 scale against six criteria.

1. Significant impact on the architectural design.

2. Easy to implement but contains significant functionality.

3. Includes risky, time-critical, or complex functions.

4. Involves significant research or new or risky technology.

5. Includes primary business functions.

6. Will increase revenue or decrease costs.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Use Case Name | Ranking Criteria 1 to 5 | | | | | | Total Score | Priority |
|  | 1 | 2 | 3 | 4 | 5 | 6 |  | |
| Add Funds | 4 | 3 | 5 | 3 | 3 | 4 | 22 | High |
| Check Funds | 2 | 2 | 1 | 1 | 2 | 3 | 11 | Medium |
| Check History | 2 | 2 | 1 | 1 | 1 | 3 | 10 | Medium |
| Alert on Low Funds | 1 | 1 | 2 | 1 | 1 | 1 | 7 | Low |
| Alert on Hold | 1 | 1 | 2 | 1 | 1 | 1 | 7 | Low |
| Register User | 4 | 3 | 5 | 3 | 3 | 3 | 21 | High |
| Log in | 5 | 3 | 4 | 3 | 3 | 2 | 20 | High |
| Scan Card | 5 | 5 | 5 | 4 | 4 | 5 | 28 | High |

|  |  |  |
| --- | --- | --- |
| Use Case Name: | Scan Card | Use Case Type: |
| Use Case ID | MT-00001 |
| Priority | High |
| Source | RFID Scanner |
| Primary Business Actor | Traveller | |
| Other Participating Actors | RFID System | |
| Description | This use case decribes the event of a traveler with their travel card entering a maxi taxi with the system implemented. When the traveler enters, if a card is present the RFID scanner will register that a card is present and will check details such as if it has been activated or if it is a valid card, the status of the card if it is on hold or not, the funds, etc. On completion of these checks, it will let the system know a new passenger has arrived and to add it onto its list for that maxi taxi. | |